(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	id	Shallow excavati 	ons	Lawns and landsca 	aping
	 	Rating class and limiting features		Rating class and limiting features			
7: Wiota		Frost action Low strength	 1.00 1.00 0.50	Ì		 Not limited 	
11B: Colo	 	Depth to saturated zone Frost action Flooding Low strength	1.00 1.00 1.00 1.00 0.50	Depth to saturated zone Flooding	1.00 		1 1.00
Ely	 	Frost action Low strength	1.00	Depth to saturated zone	0.95	 Not limited 	
41: Sparta	 - 100	 Not limited 		 Very limited cutbanks cave		 Somewhat limited Droughty	1 1 1 1 0 . 0 9
41B: Sparta	 - 100 	 Not limited 		 Very limited cutbanks cave		 Somewhat limited Droughty	0.09
41C: Sparta	100	 Not limited 		 Very limited cutbanks cave		 Somewhat limited Droughty	0.09
41D: Sparta			0.96	 Very limited Slope cutbanks cave	0.96	 Very limited Slope Droughty	10.96
43: Bremer	 	Depth to saturated zone Frost action Low strength	1.00	saturated zone 	11.00	 Very limited Depth to saturated zone 	1 1.00

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Johnson County, Iowa

Map symbol and soil name	 Pct. of map unit	streets		 Shallow excavati 	ons	 Lawns and landsca 	ping
	 			Rating class and limiting features		-	
54:		 				 	
	 100 	Depth to saturated zone Frost action Flooding Low strength	1.00 	Depth to saturated zone Flooding Too clayey	1.00 	Flooding	 1.00 0.60
63B: Chelsea	 - 100 	 Not limited 	 	 Very limited cutbanks cave		 Somewhat limited Droughty	 0.41
63C: Chelsea	 - 100 	 Not limited 		 Very limited cutbanks cave		 Somewhat limited Droughty	 0.41
63E: Chelsea	 - 95 		 0.96	 Very limited Slope cutbanks cave		 Very limited Slope Droughty	 0.96 0.41
65D2: Lindley	 - 95 	Low strength Slope Shrink-swell	'	Ī	 0.63 	 Somewhat limited Slope 	 0.63
65E2: Lindley	 - 95 	Slope Low strength Shrink-swell	 1.00 1.00 0.50 0.50	I I	11.00	 Very limited Slope 	1 1.00
65F: Lindley	 - 95 	Slope Low strength Shrink-swell	 1.00 1.00 0.50 0.50	I I	1.00	 Very limited Slope 	11.00

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Johnson County, Iowa

and soil name	Pct. of map unit	streets	d	Shallow excavations 		Lawns and landsca - -	aping
	 _	Rating class and limiting features 		Rating class and limiting features		Rating class and limiting features	
65F2: Lindley	 - 95 	Slope Low strength Shrink-swell		•	 1.00 	 Very limited Slope 	 1.00
75: Givin		Frost action Low strength	11.00	•	 0.95 	 Not limited 	
76B: Ladoga	 - 100 	Low strength Shrink-swell		•	 0.15 	 Not limited 	
76C2: Ladoga	 - 100 		 	 Somewhat limited Depth to saturated zone	0.15	 Not limited 	
76D2: Ladoga	 - 100 		1 1.00	 Somewhat limited Slope Depth to saturated zone	0.63		10.63
80B: Clinton	 - 100 	 Very limited Low strength Shrink-swell	 	 Somewhat limited Depth to saturated zone	0.15	 	

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	ıd	Shallow excavati 	ons.	Lawns and landsca - 	aping
	 _	 Rating class and limiting features 		=		 Rating class and limiting features 	
80C:	I	 		 		 	
Clinton	100 	Very limited Low strength	11.00	Somewhat limited Depth to saturated zone	0.15	•	
		Shrink-swell Frost action	0.50 0.50	•	 	 	
80C2: Clinton	100 	 Very limited Low strength	11.00	 Somewhat limited Depth to saturated zone	0.15	 Not limited 	
		 Shrink-swell Frost action 	 0.50 0.50	İ	 	 	
80D:	i	İ	i	İ	i	İ	i
Clinton	100 	Very limited Low strength Slope Shrink-swell	11.00	Somewhat limited Slope Depth to saturated zone	 0.63 0.15 	•	 0.63
	į	Frost action	0.50	İ	į	į	į
80D2: Clinton	100 	 Very limited Low strength Slope	1.00	 Somewhat limited Slope Depth to	 0.63 0.15	•	 0.63
	 	 Shrink-swell Frost action	 0.50 0.50	•	 	 	
80D3: Clinton	100 	 Very limited Low strength Slope	11.00	 Somewhat limited Slope Depth to	 0.63 0.15	-	 0.63
		 Shrink-swell Frost action 	 0.50 0.50	•	 	 	
83B: Kenyon	100 	 Somewhat limited Frost action		 Somewhat limited Depth to saturated zone	 0.16	 Not limited 	
	i	Low strength	0.22	•	İ	İ	i

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Johnson County, Iowa

	Pct. of map unit	Ī	d	Shallow excavati 	ons	Lawns and landsca 	aping
	 			Rating class and limiting features			
83C2: Kenyon	 100 	Frost action	0.50	Depth to saturated zone	0.16		
88: Nevin	İ I	Frost action Low strength	1.00 	Depth to saturated zone 	0.95	 Not limited 	
110B: Lamont				 Very limited cutbanks cave			
110C: Lamont		 Somewhat limited Frost action			1 1 1 0.90	 Not limited 	
110E: Lamont		Slope	0.96	Slope		 Very limited Slope 	 0.96
118: Garwin		Depth to saturated zone Frost action	1.00 1.00 1.00	Depth to saturated zone 	11.00	 Very limited Depth to saturated zone 	 1.00
119: Muscatine	i I	Frost action	1.00 		0.95	 Not limited 	
119B: Muscatine	 	Shrink-swell Very limited Frost action	1.00 	 Very limited Depth to saturated zone	 0.95	 Not limited 	
	 	Low strength Shrink-swell	1.00 0.50		 	 	[[

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	 Shallow excavati 	ons	 Lawns and landsca 	ping
	 	•		Rating class and limiting features		•	
120B: Tama	 100 	Low strength	 1.00 1.00 0.50	İ	 	 Not limited 	
120C: Tama		Frost action Low strength	11.00	•		 Not limited 	
120C2: Tama	 100 	Frost action Low strength	 1.00 1.00 0.50	İ	 	 Not limited 	
120D2: Tama	 100 	Frost action Low strength Slope	 1.00 1.00 0.63 0.50	Ì	 0.63 		0.63
122: Sperry	 100 	Depth to saturated zone Frost action Low strength	1.00	Depth to Saturated zone Too clayey			11.00
133: Colo	 	Depth to saturated zone Frost action Flooding Low strength	1.00 	Depth to saturated zone Flooding 	11.00		 1.00 0.60

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Johnson County, Iowa

and soil name	Pct. of map unit	streets	d	Shallow excavati	ons	Lawns and landsca 	ping
				Rating class and limiting features			
133+: Colo	 95 	Depth to saturated zone	1.00 	saturated zone	11.00	 - Very limited Flooding Depth to	 1.00 1.00
	 	 Flooding Low strength	 1.00 1.00 0.50] 		saturated zone	
135: Coland	 	Depth to saturated zone Frost action Flooding Low strength	1.00 	saturated zone Flooding	11.00	 Very limited Depth to saturated zone Flooding 	 1.00 0.60
140: Sparta	 100 	 Not limited 	 	 Very limited cutbanks cave 	10.90	 Not limited 	
141: Watseka	95	Frost action 	0.50 	Depth to saturated zone	11.00	 Somewhat limited Depth to saturated zone Droughty	 0.19 0.04
152: Marshan	 	Depth to saturated zone Frost action Low strength	1.00 	saturated zone cutbanks cave		saturated zone	1.00
160: Walford		Depth to saturated zone Frost action Low strength	1.00	Depth to saturated zone 		 Very limited Depth to saturated zone 	1 1.00

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Johnson County, Iowa

and soil name	Pct. of map unit	streets		Shallow excavati 	ons	Lawns and landsca - -	ping
	 			Rating class and limiting features			
161: Walford	 60 	Depth to saturated zone Frost action Low strength	1.00	saturated zone	1.00	 Very limited Depth to saturated zone 	 1.00
Atterberry	 30 	Frost action Low strength	1.00 1.00 0.19	saturated zone		 Somewhat limited Depth to saturated zone 	0.19
162B: Downs	 100 	Low strength	 1.00 1.00 0.50	i İ		 Not limited 	
162C: Downs	 100 	Low strength	 1.00 1.00 0.50	İ		 Not limited 	
162C2: Downs	 100 	Frost action Low strength	 1.00 1.00 0.50	l		 Not limited 	
162D2: Downs	 100 	Frost action Low strength Slope		İ	 0.63 	 Somewhat limited Slope 	 0.63
163B: Fayette	100 	Frost action Low strength	 1.00 1.00 0.50	i İ	 - - -	 Not limited -	

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	 Lawns and landsca 	aping
		 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	
163C: Fayette	 - 100 	Frost action Low strength	 1.00 1.00 0.50			 Not limited 	
163C2: Fayette	 100 	Frost action Low strength	11.00	 Not limited 		 Not limited 	
163D: Fayette	 100 	Frost action	 1.00 1.00 0.63 0.50	1	 0.63 	 Somewhat limited Slope 	 0.63
163D2: Fayette	 - 100 	Frost action Low strength Slope	 1.00 1.00 0.63 0.50	 	 0.63 	 Somewhat limited Slope 	 0.63
163D3: Fayette	 100 	Frost action Low strength	 1.00 1.00 0.63 0.50	Slope 		 Somewhat limited Slope 	 0.63
163E: Fayette	 - 100 	Frost action Low strength Slope	 1.00 1.00 1.00 0.50	 	1.00	 Very limited Slope 	11.00
163E2: Fayette	 - 100 	 Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 1.00 0.50	 	11.00	 Very limited Slope 	11.00

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets 	id	Shallow excavati - -	ons	Lawns and landsca 	aping
	 	=		Rating class and limiting features		=	
163E3: Fayette	 - 100 	Frost action Low strength Slope		İ		 Very limited Slope 	1 1.00
163F: Fayette	 - 95 	Slope Frost action		İ	1.00	 Very limited Slope 	11.00
163F2: Fayette	 - 95 	Slope Frost action Low strength	 1.00 1.00 1.00 0.50		1 1.00	 Very limited Slope 	11.00
163G: Fayette		Slope Frost action Low strength		İ	1 1.00	 Very limited Slope 	1 1.00
165: Stronghurst	 - 95 	Frost action Low strength		saturated zone	11.00	 Somewhat limited Depth to saturated zone 	0.19
171B: Bassett	 - 100 	 Somewhat limited Frost action Low strength	0.50	saturated zone	0.16	 Not limited 	
171C2: Bassett	 - 95 	 Somewhat limited Frost action Low strength		 Somewhat limited Depth to saturated zone	 0.16 	 Not limited 	

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Johnson County, Iowa

and soil name	Pct. Local roads and of streets map unit		d	 Shallow excavati 	ons	 Lawns and landsca 	ping
	 			Rating class and limiting features			
171D2: Bassett	 100 100 	Slope Frost action 	0.63	Depth to saturated zone	 0.63 0.16	<u>.</u> .	 0.63
171D3: Bassett	 100 	Slope Frost action 	0.63 0.50	Depth to saturated zone	 0.63 0.16	1 · · · · 1	10.63
173: Hoopeston	 95 	Frost action	11.00	Depth to saturated zone	11.00	saturated zone	0.19
174B: Bolan	1 100			 Very limited cutbanks cave	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 Not limited 	
175: Dickinson	1100				1 1 1 0.90	 Not limited 	
175B: Dickinson		•			10.90	 Not limited 	
175C: Dickinson	100	 Somewhat limited Frost action			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 Not limited 	
178: Waukee	1100	 Not limited 	 		 0.90	 Not limited 	

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca - -	aping
	 			Rating class and limiting features 			
179D2:		 		 		 	
Gara	95 	 Very limited Low strength Slope 	11.00	Depth to	0.63	 Somewhat limited Slope 	0.63
	 	Shrink-swell Frost action	0.50 0.50		 	 - -	
179E2: Gara	 95 	 Very limited Slope Low strength	1.00	Slope		 Very limited Slope 	11.00
	 	 Shrink-swell Frost action 	 0.50 0.50	•	 	 	
184: Klinger	 95 	Frost action	1.00 	saturated zone	 0.95	 Not limited 	
	 	Low strength Shrink-swell 	1.00 0.50 	•	 	 	
220: Nodaway	İ I	 Very limited Frost action Flooding Low strength Shrink-swell	1.00 	Flooding 	0.61	Flooding 	 0.60
226: Lawler	 95 	 Very limited Frost action 		Depth to saturated zone	0.95	İ	
279: Taintor		 Very limited Depth to saturated zone Frost action Low strength Shrink-swell	11.00	saturated zone 	11.00	 Very limited Depth to saturated zone 	1 1.00

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca - -	aping
				Rating class and limiting features			
280: Mahaska		Frost action 	1.00 	saturated zone	0.95	 Not limited 	
281B:			1.00 0.50		 	 	
	- 100 	 Shrink-swell		saturated zone	0.15	Not limited 	
281C2: Otley	 - 100 	Low strength Shrink-swell	11.00	•	0.15	•	
281D2: Otley	 - 100 	 Very limited Low strength Slope 	1 1.00	 Somewhat limited Slope Depth to saturated zone	0.63	Slope	 0.63
284: Flagler	 - 100	 		 Very limited cutbanks cave	 0.90	 Not limited 	
285C: Burkhardt	 - 100 	 Not limited 		 Very limited cutbanks cave		 Somewhat limited Droughty	 0.21
291: Atterberry	 95 	Frost action Low strength	1.00 1.00 0.19	•	11.00	 Somewhat limited Depth to saturated zone 	 0.19

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Johnson County, Iowa

and soil name	Pct. of map unit	streets 	streets		Shallow excavations - 		Lawns and landscaping - -	
	 			Rating class and limiting features		_		
291B: Atterberry	 	Frost action Low strength	1.00 1.00 0.19	Depth to saturated zone 	11.00		0.19	
293C: Chelsea	 45	 Not limited		 		 Somewhat limited		
Cheisea	43	 -		•			0.41	
Lamont		Somewhat limited Frost action			0.90	 Not limited 		
Fayette	 	Frost action	11.00		 	 Not limited 	 	
293C2:				 		 Somewhat limited		
Chelsea	45	 		-			0.41	
Lamont				· -	0.90	 Not limited 		
Fayette		Frost action	11.00	 	 	Not limited 		
293D:		 		 		 		
Chelsea	45 			cutbanks cave	0.90		 0.63 0.41	
Lamont			0.63			 Somewhat limited Slope 	10.63	
Fayette	20	Frost action	 1.00 1.00 0.63 0.50	I	 0.63 	 Somewhat limited Slope 	0.63	

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Johnson County, Iowa

± ±	Pct. of map unit	streets	ıd	Shallow excavati - -	ons	Lawns and landscaping 	
	 	Rating class and limiting features		Rating class and limiting features 			
293D2:		 		 		 	
Chelsea		Somewhat limited Slope 	0.63	cutbanks cave	0.90	Somewhat limited Slope Droughty	0.63
Lamont	İ		0.63	cutbanks cave		•	10.63
Fayette	 	Frost action Low strength Slope		Ī			 0.63
293E: Chelsea		 Very limited Slope 	1.00		1.00 0.90		11.00
Lamont		Slope	1.00 0.50	cutbanks cave	1.00 0.90	Very limited Slope 	11.00
Fayette	 	Frost action Low strength Slope		 Very limited Slope 		 Very limited Slope 	1 1.00
293E2:		 		 		 	
Chelsea		Very limited Slope 	1.00		11.00	 Very limited Slope Droughty	11.00
Lamont	1	Slope	11.00	Slope cutbanks cave	1.00 0.90	'	11.00
Fayette	 	Frost action Low strength Slope	i	Slope 		 Very limited Slope 	 1.00

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Johnson County, Iowa

and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca 	aping
				Rating class and limiting features			
293F: Chelsea		Slope	11.00	Slope	11.00	 Very limited Slope Droughty	 1.00 0.41
Lamont	ĺ	Slope	11.00	-		 Very limited Slope 	1 1.00
Fayette	 	Slope Frost action Low strength		Slope 		 Very limited Slope 	1 1.00
293G: Chelsea			1.00		11.00	 Very limited Slope Droughty	 1.00 0.41
Lamont	1	Slope	11.00		11.00		1 1.00
Fayette		Slope Frost action Low strength		Slope 	İ	 Very limited Slope 	1 1.00
320: Arenzville		Frost action	11.00			 Very limited Flooding 	1 1.00
350B: Waukegan		•		 Very limited cutbanks cave 	1 0.90	 Not limited 	
352B: Whittier		Low strength		•		 Not limited 	

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	 Shallow excavati 	ons	 Lawns and landsca 	aping
	 	Rating class and limiting features		Rating class and limiting features		•	
352C2: Whittier	 - 100 	Low strength Shrink-swell		•		 Not limited 	
377B: Dinsdale	 - 100 	Frost action Low strength	11.00	saturated zone	0.16	 Not limited 	
377C2: Dinsdale	 - 100 	Frost action Low strength		saturated zone	 0.16 	 Not limited 	
382: Maxfield	 - 100 	Depth to Saturated zone Frost action Low strength	11.00	saturated zone		 Very limited Depth to saturated zone 	 1.00
420B: Tama	 - 100 	Frost action Low strength	 1.00 1.00 0.50	İ		 Not limited 	
422: Amana	 	Frost action Flooding Low strength	1.00 	saturated zone Flooding		 Somewhat limited Flooding 	0.60

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	f streets p		Shallow excavati	ons	 Lawns and landsca 	aping
	 			Rating class and limiting features			
428B: Ely	 	Frost action Low strength		Depth to saturated zone	 0.95 	 Not limited 	
430: Ackmore	 	Frost action Flooding Low strength Shrink-swell	1.00 	Depth to saturated zone Flooding 		 Very limited Flooding Depth to saturated zone 	11.00
442B: Tama	 50 	Frost action	11.00	I		 Not limited - -	
Dickinson	 - 30 			 Very limited cutbanks cave	1 0.90	 Not limited 	
442C2: Tama	İ	Frost action Low strength	 1.00 1.00 0.50	İ		 Not limited 	
Dickinson	 - 30			 Very limited cutbanks cave	10.90	 Not limited 	
442D2: Tama		Frost action		Slope 	0.63	 Somewhat limited Slope 	 0.63
Dickinson	 - 30 	 Somewhat limited Slope Frost action 	 0.63 0.50		 0.90 0.63		 0.63

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Johnson County, Iowa

Map symbol and soil name	of map	Pct. Local roads and of streets map unit		Shallow excavati	ons.	Lawns and landsca 	aping
	 			Rating class and limiting features			
453: Tuskeego	1 100 1	Depth to Saturated zone Low strength Shrink-swell	1.00 1.00 1.00	saturated zone		 Very limited Depth to saturated zone 	1 1.00
484: Lawson	 		1.00 	 	 1.00 0.60	İ	 0.60 0.19
485: Spillville	 95 	Flooding Low strength Shrink-swell	11.00		0.61	 Somewhat limited Flooding 	 0.60
520: Coppock	 95 	 Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	11.00	İ	1 1.00 1 10.60	İ	 0.60 0.19
539: Perks	 95 	 Very limited Flooding 	11.00	 Very limited cutbanks cave Flooding 	10.90		 1.00 0.60

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Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca - 	aping
	 _	=		 Rating class and limiting features 		=	
621:	I	 	1	 	1	 	1
Houghton	100 	 Very limited Depth to saturated zone Subsidence 	11.00	Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Content of organic matter	 1.00 1.00
		Frost action	1.00	_ 		1	1
687: Watkins	 100	 Very limited	 	 Somewhat limited	 	 Not limited	
		Frost action	11.00	saturated zone	0.16	 	
		Low strength Shrink-swell	1.00	•		 	
687B:	i						
Watkins	100 	Very limited Frost action 		Somewhat limited Depth to saturated zone	 0.16 	Not limited 	
		Low strength Shrink-swell	1.00 0.50	•		 	
688:							
Koszta	95 	Very limited Frost action 	11.00	Very limited Depth to saturated zone	11.00	Not limited 	
		Low strength Shrink-swell	1.00	•		 	
727:		 		 		 	
Udolpho	100 	Very limited Depth to saturated zone	1.00	=	1.00	Very limited Depth to saturated zone	11.00
		Frost action Low strength	1.00	•	0.90	 	
729B:		 		 		 	
Nodaway	50 	Very limited Frost action 	 1.00 	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding 	 0.60
	 	'	1.00 1.00 0.50	I	0.60	 	

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Johnson County, Iowa

Map symbol and soil name	 Pct. of map unit	streets	d	 Shallow excavati 	ons	 Lawns and landsca 	aping
	 			Rating class and limiting features 			
Arenzville	 40 	Frost action	1.00	 Somewhat limited Flooding Depth to saturated zone	0.80 0.35	Flooding	11.00
760: Ansgar	 95 	Depth to saturated zone Frost action Low strength	11.00	Depth to saturated zone 	11.00		11.00
761: Franklin	 - 90 	Frost action 	1.00	Depth to saturated zone	0.95	 Not limited 	
771B: Waubeek	 95 	Frost action Low strength	11.00		0.16		
771C2: Waubeek	 - 100 	Frost action Low strength	11.00		0.16		
778: Sattre	 95 	 Not limited 	 	 Very limited cutbanks cave 		 Not limited 	
778B: Sattre	 - 100 	 Not limited 	 		0.90	 Not limited 	

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Johnson County, Iowa

Map symbol and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca 	aping
	 	=		Rating class and limiting features		-	
792D2:		 					
Armstrong	100 			 Very limited Depth to saturated zone	1.00	Somewhat limited Slope 	10.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
	 	Shrink-swell	0.63 0.50 0.19	Ī	 		
793:	į	 -	į	 -	į	 -	į
Bertrand	100 	Frost action Low strength		İ	0.90	 Not limited 	
826:		 		 		 	
Rowley	95 	Frost action	1.00 	saturated zone		•	 0.19
		Depth to saturated zone	0.19 	 		 	
876B:	 	 	 	 	 	 	1
Ladoga	100 	Very limited Low strength 		Depth to	0.15	Not limited 	
		•	0.50 0.50	•		 	
920:	1			 Very limited		 Not limited	
Tama	 	Frost action Low strength		cutbanks cave	0.90	•	
920B: Tama	 100 	Frost action Low strength		Ī	10.90	 Not limited 	

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Johnson County, Iowa

and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca 	aping
	 			 Rating class and limiting features 			
962:	1	 					
Elvira	95 	Depth to saturated zone	11.00	 Very limited Depth to saturated zone Flooding	11.00	· •	11.00
	 	Low strength	1.00 1.00 1.00	İ	 	saturated zone 	
974B: Bolan	 100 				 0.90	 Not limited 	
976: Raddle	 100 	Frost action	 1.00 0.78		 	 Not limited 	
993D2: Gara	 60 	Low strength Slope Shrink-swell		Slope 	 0.63 	 Somewhat limited Slope 	 0.63
Armstrong	 40 	Frost action		 Very limited Depth to saturated zone Slope	11.00	 Somewhat limited Slope Depth to	 0.63 0.19
	 	Shrink-swell	 0.63 0.50 0.19 	İ	 	saturated zone 	
993E2: Gara	 60 	Low strength 	1.00 1.00	Depth to saturated zone	 1.00 0.16	•	11.00
	 	•	0.50 0.50	•		 	

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Johnson County, Iowa

and soil name	Pct. of map unit	streets	d	Shallow excavati 	ons	Lawns and landsca - 	ping
	 			Rating class and limiting features			
Armstrong	40	Frost action Slope 		Depth to saturated zone	11.00		11.00
	 	Shrink-swell	0.50 0.19			 	
1119: Muscatine	 95 	Frost action Low strength		Depth to saturated zone	1 10.95	 Not limited 	
1160:	 	 	1	 		 	
Walford	100 	Depth to saturated zone Frost action Low strength	11.00	Depth to saturated zone 	1.00	 Very limited Depth to saturated zone 	11.00
1220: Nodaway	 92 	Frost action Flooding Low strength		Flooding Depth to saturated zone 	 0.80 0.61 		1.00
1280: Mahaska	 95 	 Very limited Frost action 		 Very limited Depth to saturated zone	 0.95	 Not limited 	
1291: Atterberry	 95	Shrink-swell 		 Very limited		 	
	 	Frost action Low strength Depth to saturated zone	1.00 1.00 0.19	saturated zone	1.00 	Depth to saturated zone 	0.19

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Johnson County, Iowa

and soil name	Pct. of map unit 	streets		 Shallow excavations 		 Lawns and landscaping 	
				Rating class and limiting features			
1315: Perks	40	Flooding	1.00			 Very limited Flooding Droughty	 1.00 1.00
Spillville	30 	Flooding Low strength Shrink-swell	11.00	Depth to saturated zone 		'	11.00
1316: Fluvaquents	 100 	 Not rated 	 	 Not rated 		 Not rated 	
1484: Lawson	 92 	 Flooding Low strength	 1.00 1.00 0.19	Depth to saturated zone Flooding 	11.00	 	 1.00 0.19
1485: Spillville		Flooding Low strength Shrink-swell	11.00	Depth to saturated zone	 0.80 0.61 		 1.00
2422: Amana		Frost action Flooding Low strength Shrink-swell	1.00 	Depth to saturated zone Flooding	0.95	 Very limited Flooding 	 1.00

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Johnson County, Iowa

and soil name	 Pct. of map unit	streets		 Shallow excavations 		 Lawns and landscaping 	
	 			Rating class and limiting features			
Lawson	 30 	 - Very limited Frost action	11.00	Depth to		 - Very limited Flooding 	1.00
		 Low strength	 1.00 0.19	Flooding 	0.80	Depth to saturated zone	0.19
Perks	 30 		11.00	cutbanks cave			 1.00 0.60
5010: Pits	 100 	 Not rated 	 	 Not rated 		 Not rated 	
5030: Pits	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
5040: Orthents	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
INT: Intermittent Water	 100 	 Not rated 	 	 	 	 Not rated 	
SL: Sewage Lagoon	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
W: Water	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	